

**WHAT IS CLAIMED IS:**

1. A smoking article having reduced sidestream smoke between puffs,  
comprising:

a smoking material;

an ignition element in contact with said smoking material, said smoking material  
being more readily extinguishable in a low oxygen environment compared to said  
ignition element;

a first layer of material formed around said smoking material and said ignition  
element; and

a second layer of material formed around said first layer, wherein said second  
layer reduces combustion of said smoking material between puffs, wherein said first  
layer is more combustible than said second layer when exposed to thermal energy  
generated by said ignition element and smoking material.

2. The smoking article of Claim 1, wherein said smoking material includes a  
tobacco-based material.

3. The smoking article of Claim 1, wherein said ignition element is comprised of  
a carbon-based material.

4. The smoking article of Claim 1, wherein said ignition element has a substantially cylindrical shape, and is concentrically aligned with the longitudinal axis of said smoking article.

5. The smoking article of Claim 1, wherein said second layer comprises a composite layer containing multiple layers.

6. The smoking article of Claim 5, wherein said composite layer includes a metal foil layer.

7. The smoking article of Claim 6, wherein said composite layer includes a paper layer laminated to said metal foil layer.

8. The smoking article of Claim 6, wherein said composite layer includes two paper layers laminated on either side of said metal foil layer.

9. The smoking article of Claim 1, wherein said second layer extends to the distal end of said article at which said smoking material is exposed.

10. The smoking article of Claim 1, wherein said second layer extends to within a non-zero distance  $L$  from the distal end of said article at which said smoking material is exposed.

11. The smoking article of Claim 10, wherein said second layer extends to within approximately 1 mm to 5 mm from said end.
12. The smoking article of Claim 1, further including at least one perforation in said second layer.
13. The smoking article of Claim 12, wherein said at least one perforation comprises at least one perforation of a first size and at least one perforation of a second size which is larger than said first size.
14. The smoking article of Claim 13, wherein said at least one perforation of said first size is located closer to the distal end of said smoking article than said at least one perforation of said second size.
15. The smoking article of Claim 12, wherein said at least one perforation is blocked by said first layer of material before use of said article.
16. The smoking article of Claim 15, wherein at least portions of said first layer of material located beneath said at least one perforation are sufficiently combustible when exposed to heat generated by said ignition element and said smoking material such that the portions are burned away during use of said article.

17. The smoking article of Claim 12, wherein said at least one perforation in said second layer comprises a plurality of perforations arranged in a pattern.

18. A smoking article having reduced sidestream smoke between puffs, comprising:

a smoking material;

an ignition element in contact with said smoking material, said smoking material being more readily extinguishable in a low oxygen environment compared to said ignition element;

a wrapper formed around said smoking material and said ignition element, wherein said wrapper reduces combustion of said smoking material between puffs, wherein said wrapper includes at least one perforation having an opening blocked by an occlusion.

19. The smoking article of Claim 18, wherein said occlusion comprises a first layer of material disposed beneath or above said wrapper.

20. The smoking article of Claim 18, wherein said occlusion comprises a combustible filling material which blocks said opening.

21. The smoking article of Claim 18, wherein said at least one perforation comprises a plurality of perforations.

22. The smoking article of Claim 21, wherein said plurality of perforations comprises a first plurality of perforations having openings having a first dimension and a second plurality of perforations having openings having a second dimension, wherein said openings with said first dimension are smaller than said openings with said second dimension.

23. The smoking article of Claim 22, wherein said first plurality of perforations are located closer to an open distal end of said cigarette compared to said second plurality of perforations.

24. The smoking article of Claim 18, wherein said smoking material is disposed in a smoking material section of said smoking article having a base end and an open distal end, and said at least one perforation is located near said base end.

25. The smoking article of Claim 24, further comprising additional perforations located closer to the open distal end compared to said at least one perforation which is located near the base end, wherein said additional perforations have smaller sizes compared to said at least perforation which is located near the base end.

26. A cigarette wrapper for a cigarette having reduced sidestream smoke between puffs, comprising:

a first layer of material formed around smoking material; and

a second layer of material formed around said first layer, wherein said second layer reduces combustion of said smoking material between puffs, wherein said first layer is more combustible than said second layer when exposed to thermal energy generated by said smoking material.

27. The cigarette wrapper of Claim 26, wherein said smoking material includes a tobacco-based material.

28. The cigarette wrapper of Claim 26, wherein said second layer comprises a composite layer containing multiple layers.

29. The cigarette wrapper of Claim 28, wherein said composite layer includes a metal foil layer.

30. The cigarette wrapper of Claim 29, wherein said composite layer includes a paper layer laminated to said metal foil layer.

31. The cigarette wrapper of Claim 29, wherein said composite layer includes two paper layers laminated on either side of said metal foil layer.

32. The cigarette wrapper of Claim 26, wherein said second layer extends to the distal end of the cigarette.

33. The cigarette wrapper of Claim 26, wherein said second layer extends to within a non-zero distance L from the distal end of the cigarette.

34. The cigarette wrapper of Claim 26, further including at least one perforation in said second layer.

35. The cigarette wrapper of Claim 34, wherein said at least one perforation comprises at least one perforation of a first size and at least one perforation of a second size which is larger than said first size.

36. The cigarette wrapper of Claim 35, wherein said at least one perforation of said first size is located closer to the distal end of the cigarette than said at least one perforation of said second size.

37. The cigarette wrapper of Claim 34, wherein said at least one perforation is blocked by said first layer of material before smoking of the cigarette.

38. The cigarette wrapper of Claim 37, wherein at least portions of said first layer of material located beneath said at least one perforation are sufficiently combustible when exposed to heat such that the portions are burned away during smoking of the cigarette

39. A smoking article having reduced sidestream smoke between puffs, comprising:

a smoking material;

a first layer of material formed around said smoking material; and

a second layer of material formed around said first layer, wherein said second layer reduces combustion of said smoking material between puffs, wherein said first layer is more combustible than said second layer when exposed to thermal energy generated by said smoking material.

40. The smoking article of Claim 39, wherein said smoking material includes a tobacco-based material.

41. The smoking article of Claim 39, wherein the smoking article includes an ignition element in contact with said smoking material, said smoking material being more readily extinguishable in a low oxygen environment compared to said ignition element and said ignition element is comprised of a carbon-based material.

42. The smoking article of Claim 41, wherein said ignition element has a substantially cylindrical shape, and is concentrically aligned with the longitudinal axis of said smoking article.



43. The smoking article of Claim 39, wherein said second layer comprises a composite layer containing multiple layers.

44. The smoking article of Claim 43, wherein said composite layer includes a metal foil layer.

45. The smoking article of Claim 44, wherein said composite layer includes a paper layer laminated to said metal foil layer.

46. The smoking article of Claim 45, wherein said composite layer includes two paper layers laminated on either side of said metal foil layer.

47. The smoking article of Claim 39, wherein said second layer extends to the distal end of said article at which said smoking material is exposed.

48. The smoking article of Claim 39, wherein said second layer extends to within a non-zero distance  $L$  from the distal end of said article at which said smoking material is exposed.

49. The smoking article of Claim 48, wherein said second layer extends to within approximately 1 mm to 5 mm from said end.

50. The smoking article of Claim 39, further including at least one perforation in said second layer.

51. The smoking article of Claim 50, wherein said at least one perforation comprises at least one perforation of a first size and at least one perforation of a second size which is larger than said first size.

52. The smoking article of Claim 51, wherein said at least one perforation of said first size is located closer to the distal end of said smoking article than said at least one perforation of said second size.

53. The smoking article of Claim 50, wherein said at least one perforation is blocked by said first layer of material before use of said article.

54. The smoking article of Claim 52, wherein at least portions of said first layer of material located beneath said at least one perforation are sufficiently combustible when exposed to heat generated by said smoking material such that the portions are burned away during use of said article.

55. The smoking article of Claim 50, wherein said at least one perforation in said second layer comprises a plurality of perforations arranged in a pattern.

56. A smoking article having reduced sidestream smoke between puffs, comprising:

a smoking material; and

a wrapper formed around said smoking material, wherein said wrapper reduces combustion of said smoking material between puffs, wherein said wrapper includes at least one perforation having an opening blocked by an occlusion.

57. The smoking article of Claim 56, wherein said occlusion comprises a first layer of material disposed beneath or above said wrapper.

58. The smoking article of Claim 56, wherein said occlusion comprises a combustible filling material which blocks said opening.

59. The smoking article of Claim 56, wherein said at least one perforation comprises a plurality of perforations.

60. The smoking article of Claim 59, wherein said plurality of perforations comprises a first plurality of perforations having openings having a first dimension and a second plurality of perforations having openings having a second dimension, wherein said openings with said first dimension are smaller than said openings with said second dimension.

61. The smoking article of Claim 60, wherein said first plurality of perforations are located closer to an open distal end of said cigarette compared to said second plurality of perforations.

62. The smoking article of Claim 56, wherein said smoking material is disposed in a smoking material section of said smoking article having a base end and an open distal end, and said at least one perforation is located near said base end.

63. The smoking article of Claim 62, further comprising additional perforations located closer to the open distal end compared to said at least one perforation which is located near the base end, wherein said additional perforations have smaller sizes compared to said at least perforation which is located near the base end. 1.

64. The smoking article of Claim 56, wherein the smoking article includes an ignition element in contact with said smoking material, said smoking material being more readily extinguishable in a low oxygen environment compared to said ignition element.